

IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended) In a communication device, a method for reducing latency during a new call setup in a group communication network, the method comprising:
receiving a floor-control request from a user of the communication device who wishes to initiate a new group call, the communication device having released its traffic channel of the supporting wireless network; and
encapsulating the received floor-control request in an Internet protocol (IP) datagram suitable for transmission via the Internet; and
transmitting the ~~floor control request as an~~ Internet protocol (IP) datagram on a reverse common channel of the [a] wireless network to a corresponding group communication controller via the Internet.
2. (original) The method of claim 1, wherein the receiving includes receiving the floor-control request through a push-to-talk (PTT) device.
3. (original) The method of claim 1, wherein the transmitting includes transmitting the floor-control request on a reverse access channel (R-ACH) of the wireless network.
4. (original) The method of claim 1, wherein the transmitting includes transmitting the floor-control request on a reverse enhanced access channel (R-EACH) of the wireless network.
5. (original) The method of claim 1, further including re-establishing traffic channel for the communication device.
6. (original) The method of claim 1, further including re-establishing traffic channel for the communication device simultaneously with the transmitting the floor-control request.
7. (original) The method of claim 1, further including renegotiating a radio link protocol (RLP) for the communication device.

8. (original) The method of claim 1, further including renegotiating a radio link protocol (RLP) for the communication device simultaneously with the transmitting the floor-control request.

9. (original) The method of claim 1, wherein the transmitting includes transmitting the floor-control request in short data burst (SDB) form.

10. (original) The method of claim 1, further including receiving a response to the floor-control request on a forward common channel of the wireless network.

11. (original) The method of claim 10, wherein the receiving the response includes receiving the response on a forward paging channel (F-PCH) of the wireless network.

12. (original) The method of claim 10, wherein the receiving the response includes receiving the response on a forward common control channel (F-CCCH) of the wireless network.

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13. (original) The method of claim 10, wherein the receiving the response includes receiving the response in short data burst (SDB) form.

14. (currently amended) In a communication device, a computer-readable medium embodying a method for reducing latency in a group communication network, the method comprising:

receiving a floor-control request from a user of the communication device who wishes to initiate a new group call, the communication device having released its traffic channel of the supporting wireless network; and

encapsulating the received floor-control request in an Internet protocol (IP) datagram suitable for transmission via the Internet; and

transmitting the ~~floor-control request as an~~ Internet protocol (IP) datagram on a reverse common channel of the [a] wireless network to a corresponding group communication controller via the Internet.

15. (original) The computer-readable medium of claim 14, wherein the receiving includes receiving the floor-control request through a push-to-talk (PTT) device.

16. (original) The computer-readable medium of claim 14, wherein the transmitting includes transmitting the floor-control request on a reverse access channel (R-ACH) of the wireless network.

17. (original) The computer-readable medium of claim 14, wherein the transmitting includes transmitting the floor-control request on a reverse enhanced access channel (R-EACH) of the wireless network.

18. (original) The computer-readable medium of claim 14, wherein the method further includes re-establishing traffic channel for the communication device.

19. (original) The computer-readable medium of claim 14, wherein the method further includes re-establishing traffic channel for the communication device simultaneously with the transmitting the floor-control request.

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20. (original) The computer-readable medium of claim 14, wherein the method further includes renegotiating a radio link protocol (RLP) for the communication device.

21. (original) The computer-readable medium of claim 14, wherein the method further includes renegotiating a radio link protocol (RLP) for the communication device simultaneously with the transmitting the floor-control request.

22. (original) The computer-readable medium of claim 14, wherein the transmitting includes transmitting the floor-control request in short data burst (SDB) form.

23. (original) The computer-readable medium of claim 14, wherein the method further includes receiving a response to the floor-control request on a forward common channel of the wireless network.

24. (original) The computer-readable medium of claim 23, wherein the receiving the response includes receiving the response on a forward paging channel (F-PCH) of the wireless network.

25. (original) The computer-readable medium of claim 23, wherein the receiving the response includes receiving the response on a forward common control channel (F-CCCH) of the wireless network.

26. (original) The computer-readable medium of claim 23, wherein the receiving the response includes receiving the response in short data burst (SDB) form.

27. (currently amended) A communication device for reducing latency in a group communication network, comprising:

means for receiving a floor-control request from a user of the communication device who wishes to initiate a new group call, the communication device having released its traffic channel of the supporting wireless network; and

means for encapsulating the received floor-control request in an Internet protocol (IP) datagram suitable for transmission via the Internet; and

means for transmitting the ~~floor-control request as an~~ Internet protocol (IP) datagram on a reverse common channel of the [a] wireless network to a corresponding group communication controller via the Internet.

28. (original) The communication device of claim 27, wherein the means for receiving includes a push-to-talk (PTT) device.

29. (original) The communication device of claim 27, wherein the means for transmitting includes means for transmitting the floor-control request on a reverse access channel (R-ACH) of the wireless network.

30. (original) The communication device of claim 27, wherein the means for transmitting includes means for transmitting the floor-control request on a reverse enhanced access channel (R-EACH) of the wireless network.

31. (original) The communication device of claim 27, further including means for re-establishing traffic channel for the communication device.

32. (original) The communication device of claim 27, further including means for re-establishing traffic channel for the communication device simultaneously with the transmitting the floor-control request.

33. (original) The communication device of claim 27, further including means for renegotiating a radio link protocol (RLP) for the communication device.

34. (original) The communication device of claim 27, further including means for renegotiating a radio link protocol (RLP) for the communication device simultaneously with the transmitting the floor-control request.

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35. (original) The communication device of claim 27, wherein the means for transmitting includes means for transmitting the floor-control request in short data burst (SDB) form.

36. (original) The communication device of claim 27, further including means for receiving a response to the floor-control request on a forward common channel of the wireless network.

37. (original) The communication device of claim 36, wherein the means for receiving the response includes means for receiving the response on a forward paging channel (F-PCH) of the wireless network.

38. (original) The communication device of claim 36, wherein the means for receiving the response includes means for receiving the response on a forward common control channel (F-CCCH) of the wireless network.

39. (original) The communication device of claim 36, wherein the means for receiving the response includes means for receiving the response in short data burst (SDB) form.

40. (currently amended) A communication device for reducing latency in a group communication network, the communication device comprising:

a receiver;

a transmitter; and

a processor communicatively coupled to the receiver and the transmitter, the processor being capable of:

receiving a floor-control request from a user of the communication device who wishes to initiate a new group call, the communication device having released its traffic channel of the supporting wireless network; and

encapsulating the received floor-control request in an Internet protocol (IP) datagram suitable for transmission via the Internet; and

transmitting the ~~floor control request as an~~ Internet protocol (IP) datagram on a reverse common channel of the [a] wireless network to a corresponding group communication controller via the Internet.

41. (original) The communication device of claim 40, wherein the receiving includes receiving the floor-control request through a push-to-talk (PTT) device.

42. (original) The communication device of claim 40, wherein the transmitting includes transmitting the floor-control request on a reverse access channel (R-ACH) of the wireless network.

43. (original) The communication device of claim 40, wherein the transmitting includes transmitting the floor-control request on a reverse enhanced access channel (R-EACH) of the wireless network.

44. (original) The communication device of claim 40, the processor further being capable of re-establishing traffic channel for the communication device.

45. (original) The communication device of claim 40, the processor further being capable of re-establishing traffic channel for the communication device simultaneously with the transmitting the floor-control request.

46. (original) The communication device of claim 40, the processor further being capable of renegotiating a radio link protocol (RLP) for the communication device.

47. (original) The communication device of claim 40, the processor further being capable of renegotiating a radio link protocol (RLP) for the communication device simultaneously with the transmitting the floor-control request.

48. (original) The communication device of claim 40, wherein the transmitting includes transmitting the floor-control request in short data burst (SDB) form.

49. (original) The communication device of claim 40, the processor further being capable of receiving a response to the floor-control request on a forward common channel of the wireless network.

50. (original) The communication device of claim 49, wherein the receiving the response includes receiving the response on a forward paging channel (F-PCH) of the wireless network.

51. (original) The communication device of claim 49, wherein the receiving the response includes receiving the response on a forward common control channel (F-CCCH) of the wireless network.

52. (original) The communication device of claim 49, wherein the receiving the response includes receiving the response in short data burst (SDB) form.

53. (previously presented) The method of claim 1, wherein the transmitting includes transmitting the floor-control request, which is smaller than a predetermined size, in short data burst (SDB) form.

54. (previously presented) The computer-readable medium of claim 14, wherein the transmitting includes transmitting the floor-control request, which is smaller than a predetermined size, in short data burst (SDB) form.

55. (previously presented) The apparatus of claim 27, wherein the means for transmitting includes means for transmitting the floor-control request, which is smaller than a predetermined size, in short data burst (SDB) form.

56. (previously presented) The apparatus of claim 1, wherein the transmitting includes transmitting the floor-control request, which is smaller than a predetermined size, in short data burst (SDB) form.

57. (currently amended) In a communication device, a method for reducing latency during a new call setup in a group communication network, the method comprising:

receiving a floor-control request from a user of the communication device who wishes to initiate a new group call, the communication device having released its traffic channel of the supporting wireless network;

packaging the received floor-control request in an Internet protocol (IP) datagram suitable for transmission via the Internet;

determining whether the IP datagram is smaller than a predetermined size; ~~and~~
transmitting the IP datagram, which is smaller than the [a] predetermined size, as a short data burst on a reverse common channel of the [a] wireless network to a controller via the Internet;

re-establishing the traffic channel for the communication device simultaneously with the transmitting the IP datagram; and

renegotiating a radio link protocol (RLP) for the communication device simultaneously with the transmitting the IP datagram.

58. (currently amended) In a communication device, a computer-readable medium embodying a method for reducing latency during a new call setup in a group communication network, the method comprising:

receiving a floor-control request from a user of the communication device who wishes to initiate a new group call, the communication device having released its traffic channel of the supporting wireless network;

packaging the received floor-control request in an Internet protocol (IP) datagram suitable for transmission via the Internet;

determining whether the IP datagram is smaller than a predetermined size; ~~and~~
transmitting the IP datagram, which is smaller than the [a] predetermined size, as a short data burst on a reverse common channel of the [a] wireless network to a controller via the Internet;

re-establishing the traffic channel for the communication device simultaneously with the transmitting the IP datagram; and

renegotiating a radio link protocol (RLP) for the communication device simultaneously with the transmitting the IP datagram.

59. (currently amended) A communication device for reducing latency during a new call setup in a group communication network, comprising:

means for receiving a floor-control request from a user of the communication device who wishes to initiate a new group call, the communication device having released its traffic channel of the supporting wireless network;

means for packaging the received floor-control request in an Internet protocol (IP) datagram suitable for transmission via the Internet;

means for determining whether the IP datagram is smaller than a predetermined size; ~~and~~

means for transmitting the IP datagram, which is smaller than the [a] predetermined size, as a short data burst on a reverse common channel of the [a] wireless network to a controller via the Internet;

means for re-establishing the traffic channel for the communication device simultaneously with the transmitting the IP datagram; and

means for renegotiating a radio link protocol (RLP) for the communication device simultaneously with the transmitting the IP datagram.

60. (currently amended) A communication device for reducing latency during a new call setup in a group communication network, the communication device comprising:

a receiver;

a transmitter; and

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a processor communicatively coupled to the receiver and the transmitter, the processor being capable of:

receiving a floor-control request from a user of the communication device who wishes to initiate a new group call, the communication device having released its traffic channel of the supporting wireless network;

packaging the received floor-control request in an Internet protocol (IP) datagram suitable for transmission via the Internet;

determining whether the IP datagram is smaller than a predetermined size; ~~and~~

transmitting the IP datagram, which is smaller than the [a] predetermined size, as a short data burst on a reverse common channel of the [a] wireless network to a controller via the Internet;

re-establishing the traffic channel for the communication device simultaneously with the transmitting the IP datagram; and

renegotiating a radio link protocol (RLP) for the communication device simultaneously with the transmitting the IP datagram.
